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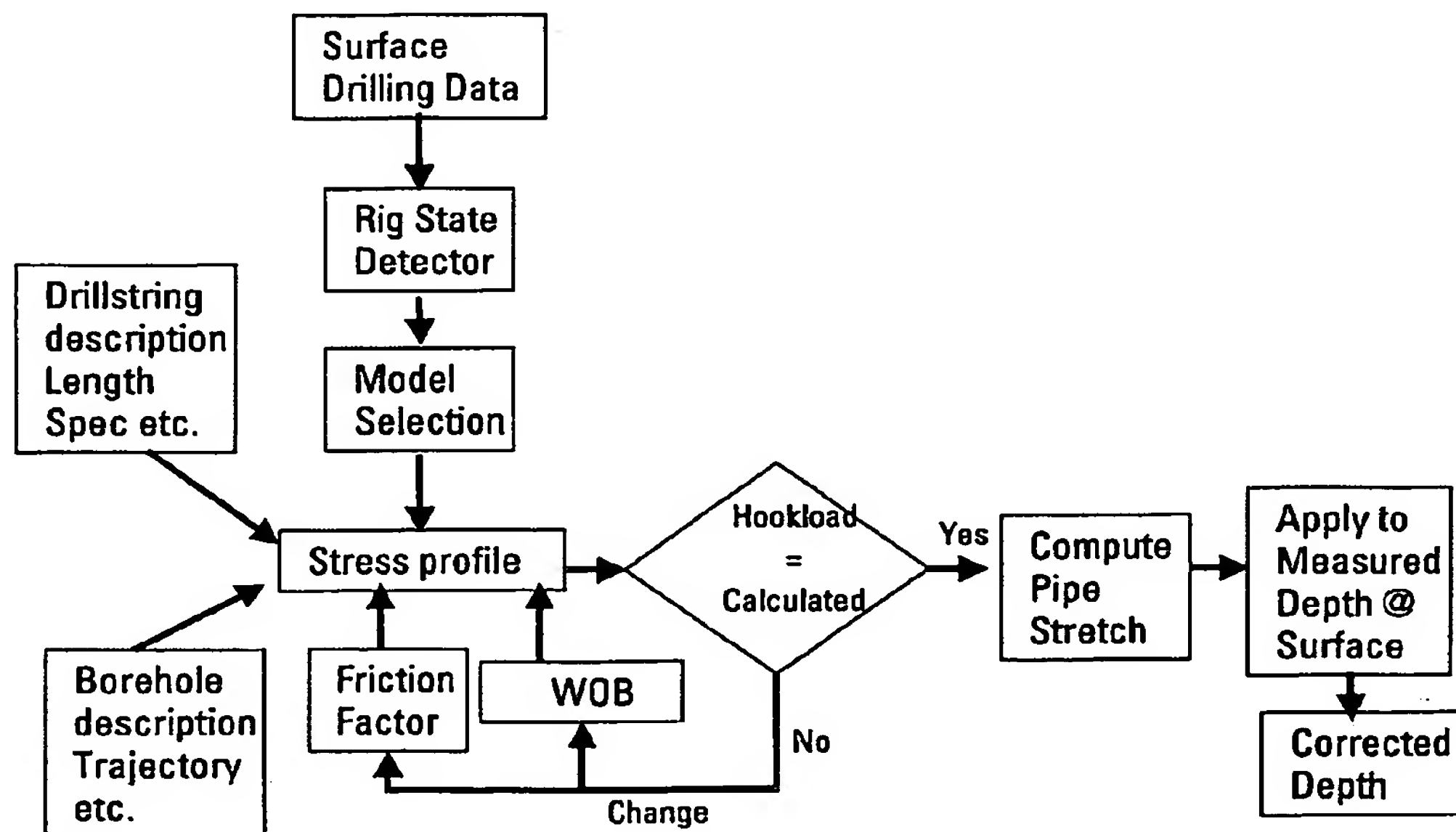
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(54) Title: **SYSTEM AND METHOD FOR CORRECTING ERRORS IN DEPTH FOR MEASUREMENTS MADE WHILE DRILLING**



(57) Abstract: A method and system is disclosed for automatically correcting for depth errors in measurements taken from a drill-string during the drilling phase of the construction of a hydrocarbon wellbore. The correction is based on a stress profile which in turn is based on the states of the drilling rig, drill string description length spec, borehole description trajectory, friction factor and weight on bit.

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